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## RAW SEQUENCE LISTING

DATE: 10/29/2002

PATENT APPLICATION: US/09/728,552

TIME: 10:24:26

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 5 Cancilla, Michael R.  
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 15 <151> PRIOR FILING DATE: 1998-05-13  
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244 ctggctggag tctctctcat aagcaggcat tctttttctc cagcccgctc ctgtgttggt 12120
245 ttgggcccac ggtaagcctc ctggcctcta ggctgtaacc cccaccatcc tctctgcct 12180
246 cgctccaga gtgattgttc tgaagcaca ctggatgtca tcccccttcc tgaactcta 12240
247 gcacctacag ggactccatc ccttgtgccc cacatacctc acacgtagac attcctaag 12300
248 aagatttgat tgaattattg taaactcagt gcctcccact cttctagttg cctctctgcc 12360
249 tgcctttgta catttattta tttatttatt tatttattta tttatgagac agagtcttac 12420
250 tgtatcacc aggtcggagt ttagtggcac catctcagct cactgcaact tacctccag 12480
251 atcaagcaat cctccacct cagcctcccg aggagctggg accataggca cgtgccatat 12540
252 gcccggttaa tttattgtaa tttttgtaga gatggggtt catcgtgttg ccaggctag 12600
253 tcttgaactc ctggactcag gcgattcgcc cgtctcagtc tcccaaagt ctgggattat 12660

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/728,552

DATE: 10/29/2002  
TIME: 10:24:27

Input Set : N:\Crf3\RULE60\09728552p.txt  
Output Set: N:\CRF4\10292002\I728552.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 13,14  
Seq#:16; N Pos. 371,513,529  
Seq#:17; N Pos. 1078,1085,1086,1099  
Seq#:27; N Pos. 487,488,489,602

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/728,552

DATE: 10/29/2002

TIME: 10:24:27

Input Set : N:\Crf3\RULE60\09728552p.txt

Output Set: N:\CRF4\10292002\I728552.raw